LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.956	249	251	255	rBV	839306	932661	9.98%	0.808%
2	5.390	287	289	292	rVB	3434730	3075002	32.90%	2.665%
3	6.202	356	360	362	rBV4	37278	100014	1.07%	0.087%
4	6.293	365	368	372	rBV4	43749	95165	1.02%	0.082%
5	6.384	375	376	378	rBV2	99969	154311	1.65%	0.134%
6	6.430	378	380	384	rVB	2439458	2394580	25.62%	2.076%
7	6.567	389	392	393	rVV	3865370	5325849	56.98%	4.616%
8	6.636	396	398	399	rVB	148214	123332	1.32%	0.107%
9	6.750	406	408	410	rVV3	64673	132024	1.41%	0.114%
10	6.796	410	412	413	rVV	1632994	1718219	18.38%	1.489%
11	6.819	413	414	416	rVB2	71019	95532	1.02%	0.083%
12	6.944	423	425	430	rBV2	3794330	5866439	62.77%	5.085%
13	7.047	432	434	436	rVV	680074	550905	5.89%	0.478%
14	7.139	439	442	444	rBV	490581	660910	7.07%	0.573%
15	7.196	444	447	449	rBV2	104511	167230	1.79%	0.145%
16	7.356	454	461	465	rBV3	4006952	6815560	72.92%	5.907%
17	7.447	467	469	471	rBV3	330275	507328	5.43%	0.440%
18	7.482	471	472	476	rVB3	226682	305795	3.27%	0.265%
19	7.573	476	480	481	rVB	1127468	1310442	14.02%	1.136%
20	7.619	481	484	485	rBV2	103435	194276	2.08%	0.168%
21	7.653	485	487	489	rVB2	103520	169182	1.81%	0.147%
22	7.687	489	490	491	rBV	206824	177633	1.90%	0.154%
23	7.733	493	494	499	rVB4	351730	803999	8.60%	0.697%
24	7.825	499	502	504	rBV	1551073	1878294	20.10%	1.628%
25	7.882	506	507	512	rVB3	213607	441095	4.72%	0.382%
26	7.950	512	513	515	rBV	163473	157605	1.69%	0.137%
27	8.019	515	519	522	rBV2	857443	1415985	15.15%	1.227%
28	8.076	522	524	528	rBV	2582102	3366547	36.02%	2.918%
29	8.133	528	529	531	rVB	401652	296703	3.17%	0.257%
30	8.202	531	535	537	rBV3	433769	767670	8.21%	0.665%
31	8.236	537	538	539	rBV	252716	229076	2.45%	0.199%
32	8.282	539	542	543	rBV2	172791	286097	3.06%	0.248%
33	8.327	543	546	548	rVV2	1070314	1170883	12.53%	1.015%
34	8.442	552	556	557	rBV3	318141	524977	5.62%	0.455%

LSC Area Percent Report

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Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.465	557	558	559	rBV	329670	254536	2.72%	0.221%
36	8.499	559	561	562	rVV2	353242	500498	5.35%	0.434%
37	8.545	563	565	567	rVB3	207802	276448	2.96%	0.240%
38	8.613	570	571	572	rBV	214274	186123	1.99%	0.161%
39	8.670	575	576	578	rVB2	265342	261463	2.80%	0.227%
40	8.739	580	582	584	rVB2	439535	499319	5.34%	0.433%
41	8.796	584	587	588	rBV3	488488	971126	10.39%	0.842%
42	8.819	588	589	591	rVV2	265064	403551	4.32%	0.350%
43	8.853	591	592	593	rVV	324268	382467	4.09%	0.332%
44	8.888	593	595	598	rVV	2763266	3707374	39.67%	3.213%
45	8.968	601	602	604	rVV2	434185	659190	7.05%	0.571%
46	9.070	608	611	613	rVV3	752167	1209348	12.94%	1.048%
47	9.116	613	615	616	rVV2	268412	348996	3.73%	0.302%
48	9.162	616	619	620	rVV	7147524	7403046	79.21%	6.417%
49	9.288	627	630	631	rVV3	360419	527532	5.64%	0.457%
50	9.322	631	633	634	rVV2	310345	418610	4.48%	0.363%
51	9.368	635	637	639	rVB2	399198	624197	6.68%	0.541%
52	9.448	639	644	645	rBV4	594906	1373249	14.69%	1.190%
53	9.505	645	649	652	rVV5	1333275	3234516	34.61%	2.804%
54	9.608	655	658	659	rVV3	407821	658467	7.05%	0.571%
55	9.688	663	665	667	rVV	522471	709919	7.60%	0.615%
56	9.733	667	669	671	rVB3	360327	505342	5.41%	0.438%
57	9.790	671	674	676	rBV3	521246	979152	10.48%	0.849%
58	9.836	676	678	679	rBV	2338296	2759236	29.52%	2.392%
59	9.870	679	681	683	rVB2	1140214	1306109	13.97%	1.132%
60	9.916	683	685	687	rBV2	634663	924264	9.89%	0.801%
61	9.985	687	691	694	rVV3	927398	1808648	19.35%	1.568%
62	10.076	697	699	701	rVB	325732	345540	3.70%	0.300%
63	10.111	701	702	704	rBV2	523938	778719	8.33%	0.675%
64	10.156	704	706	707	rVV	907042	1205414	12.90%	1.045%
65	10.213	709	711	714	rVB	1434664	1662221	17.78%	1.441%
66	10.282	714	717	719	rBV2	732983	1001574	10.72%	0.868%
67	10.351	719	723	727	rBV2	1271559	2984969	31.94%	2.587%
68	10.419	727	729	731	rBV3	204431	196121	2.10%	0.170%
69	10.533	737	739	741	rBV2	302980	435331	4.66%	0.377%
70	10.568	741	742	743	rVV	908215	802513	8.59%	0.696%
71	10.625	743	747	749	rVV2	5281965	9346548	100.00%	8.101%

LSC Area Percent Report

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Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
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Instrument : BNA_F
ClientSampleId : MW-15R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.693	749	753	755	rVV4	1365820	2112286	22.60%	1.831%
73	10.751	755	758	760	rVV2	1519187	2247380	24.05%	1.948%
74	10.796	760	762	764	rVV3	299835	384150	4.11%	0.333%
75	10.842	764	766	769	rVB4	250913	523682	5.60%	0.454%
76	10.979	776	778	780	rBV	343559	418513	4.48%	0.363%
77	11.036	780	783	786	rBV4	346075	759108	8.12%	0.658%
78	11.173	791	795	796	rVV3	220057	569999	6.10%	0.494%
79	11.242	799	801	803	rVV	343215	411502	4.40%	0.357%
80	11.276	803	804	805	rVV	183741	163635	1.75%	0.142%
81	11.311	805	807	809	rVV	2016951	2201575	23.55%	1.908%
82	11.345	809	810	812	rVV	959156	954525	10.21%	0.827%
83	11.402	812	815	822	rVB4	494750	1251213	13.39%	1.085%
84	11.791	847	849	853	rVB5	229701	397205	4.25%	0.344%
85	11.859	853	855	860	rVB4	459245	580786	6.21%	0.503%
86	11.985	864	866	868	rVB	414877	390824	4.18%	0.339%
87	12.636	921	923	926	rVB2	164606	183541	1.96%	0.159%
88	12.899	943	946	948	rBV	5624165	5115168	54.73%	4.434%
89	13.802	1023	1025	1028	rVB3	70411	117916	1.26%	0.102%
90	13.939	1035	1037	1040	rBV	1421139	1379122	14.76%	1.195%
91	15.357	1158	1161	1163	rBV	933263	1347155	14.41%	1.168%

Sum of corrected areas: 115372281

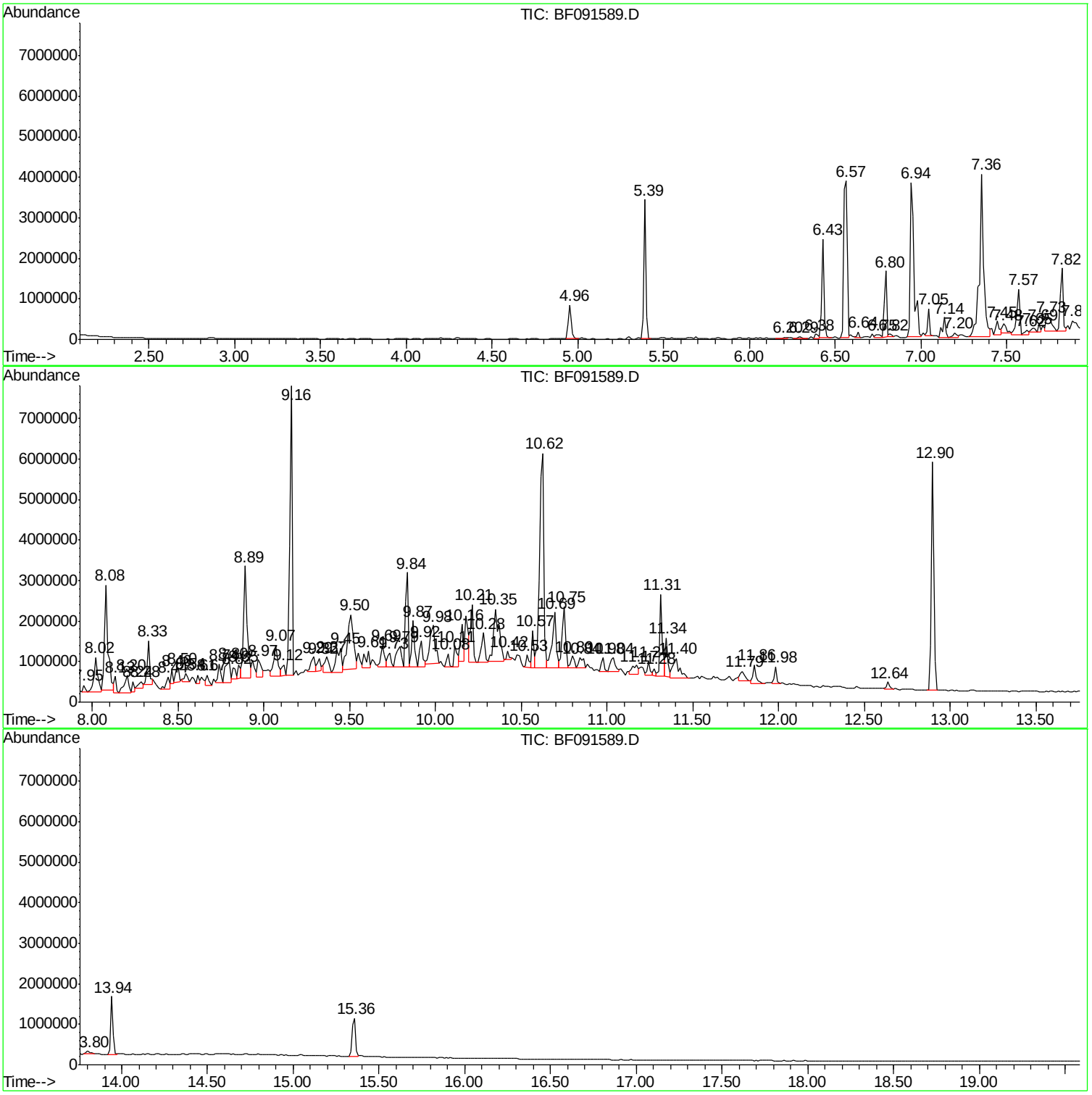
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

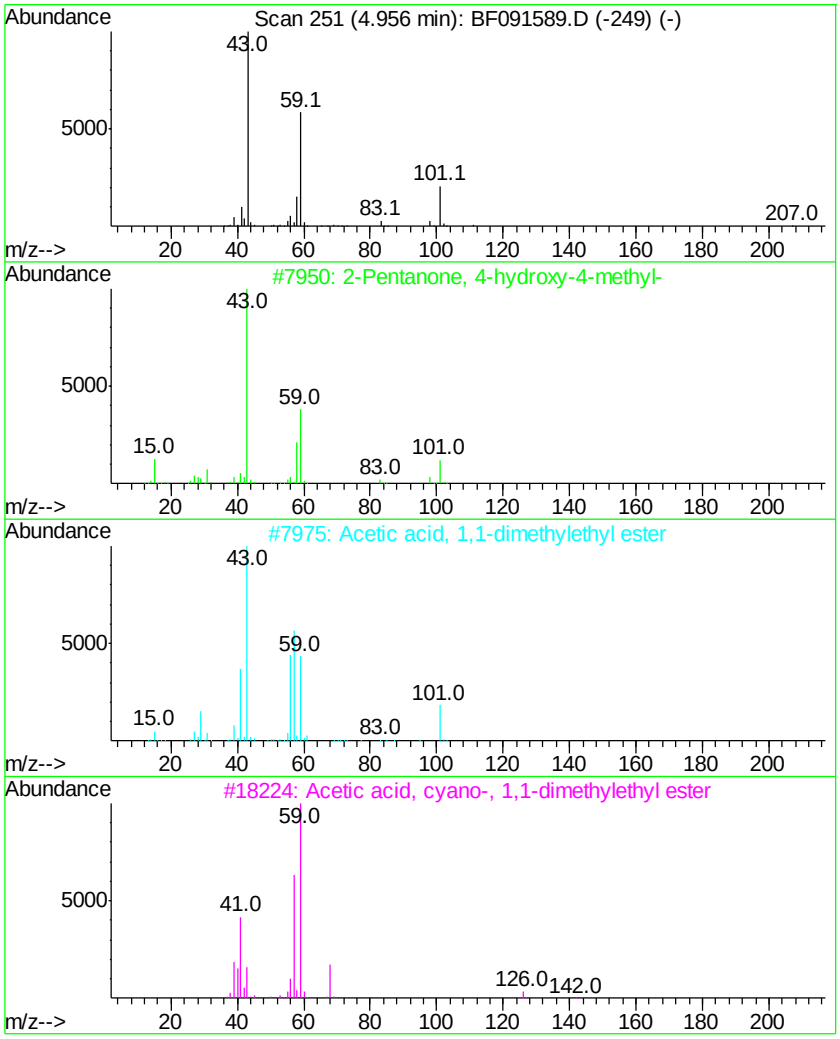
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

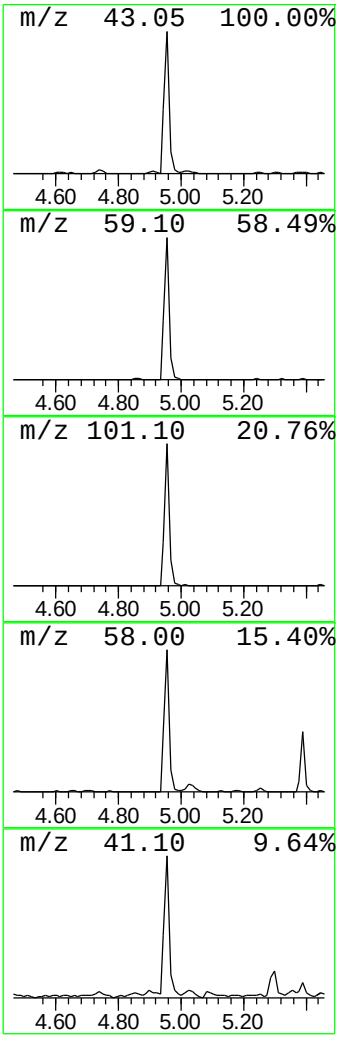
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	10.86 ng	932661	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

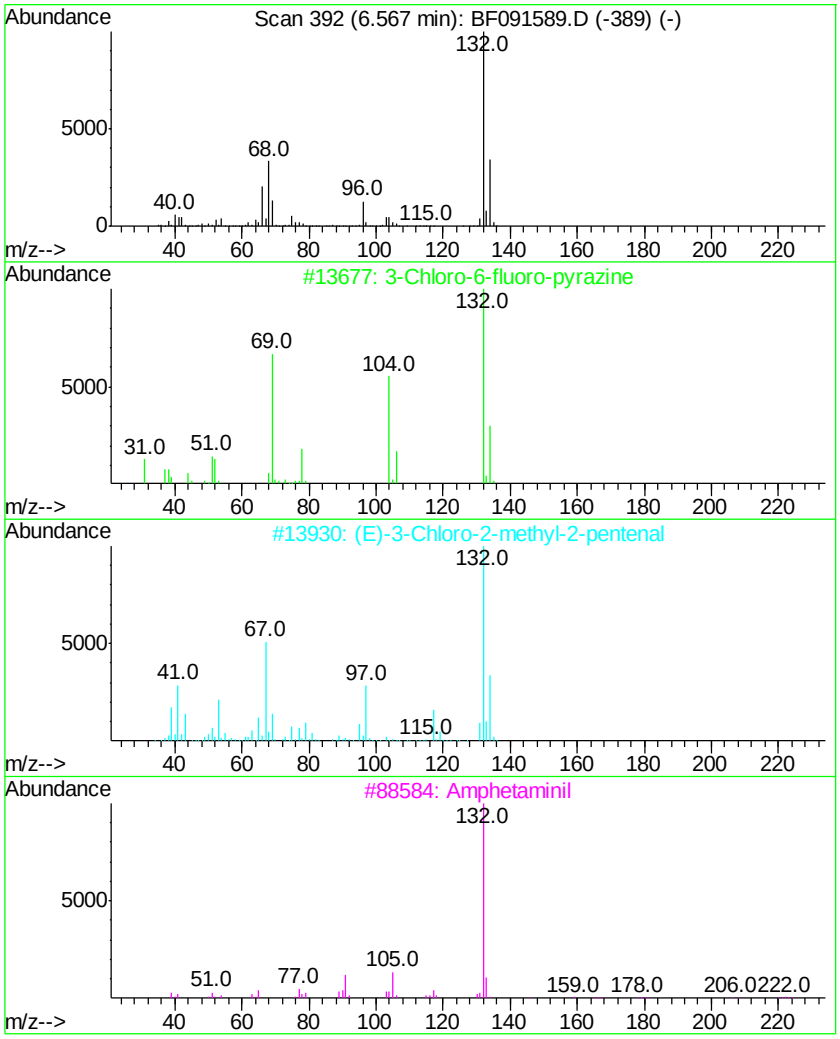
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

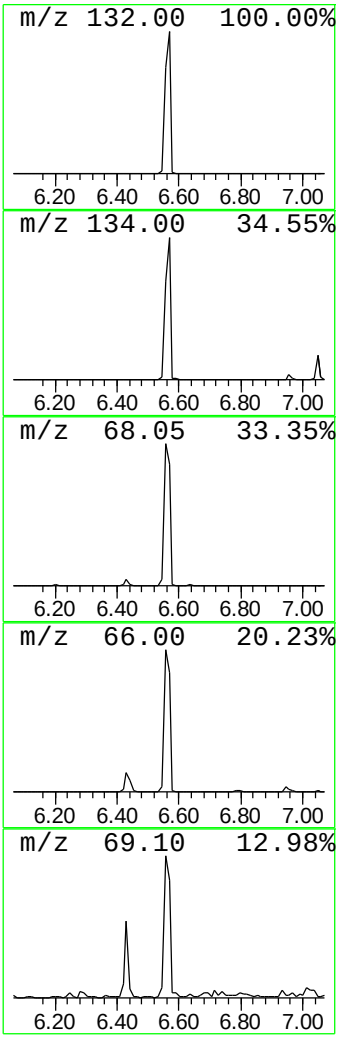
****

Peak Number 2 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	61.99 ng	5325850	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

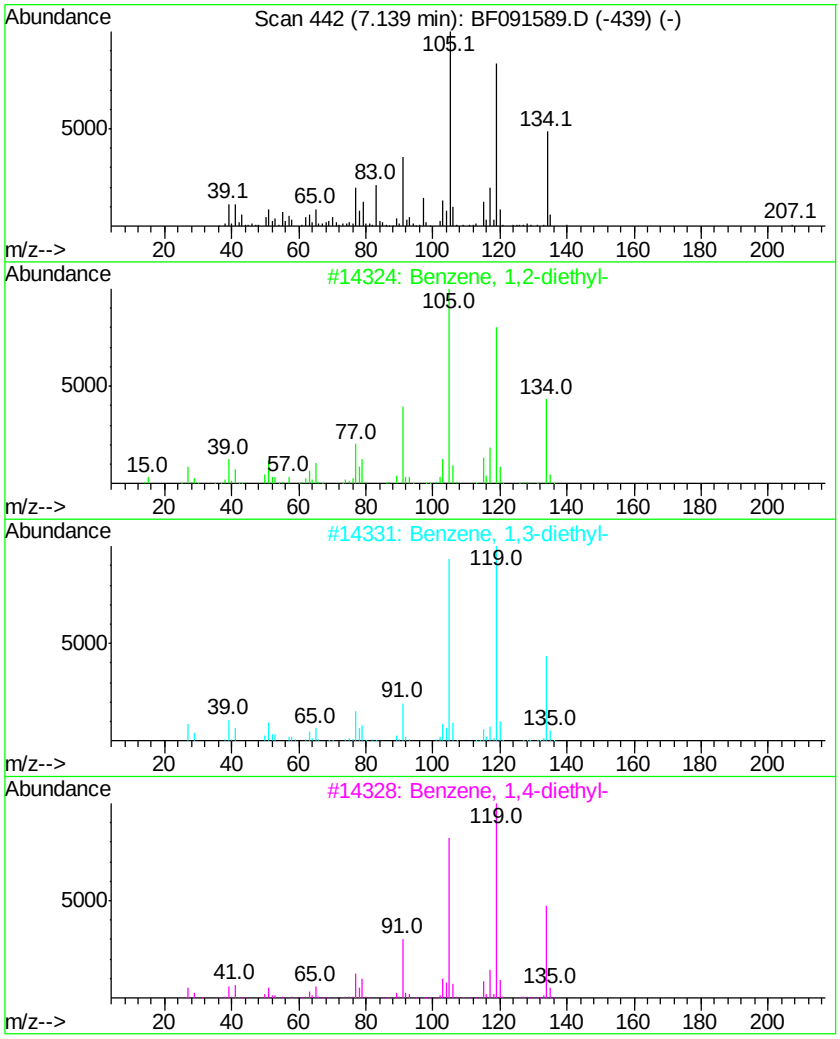
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

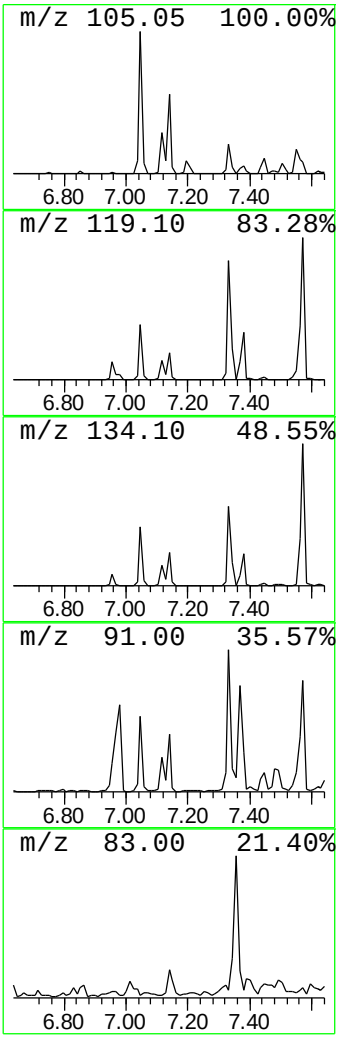
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	7.69 ng	660910	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

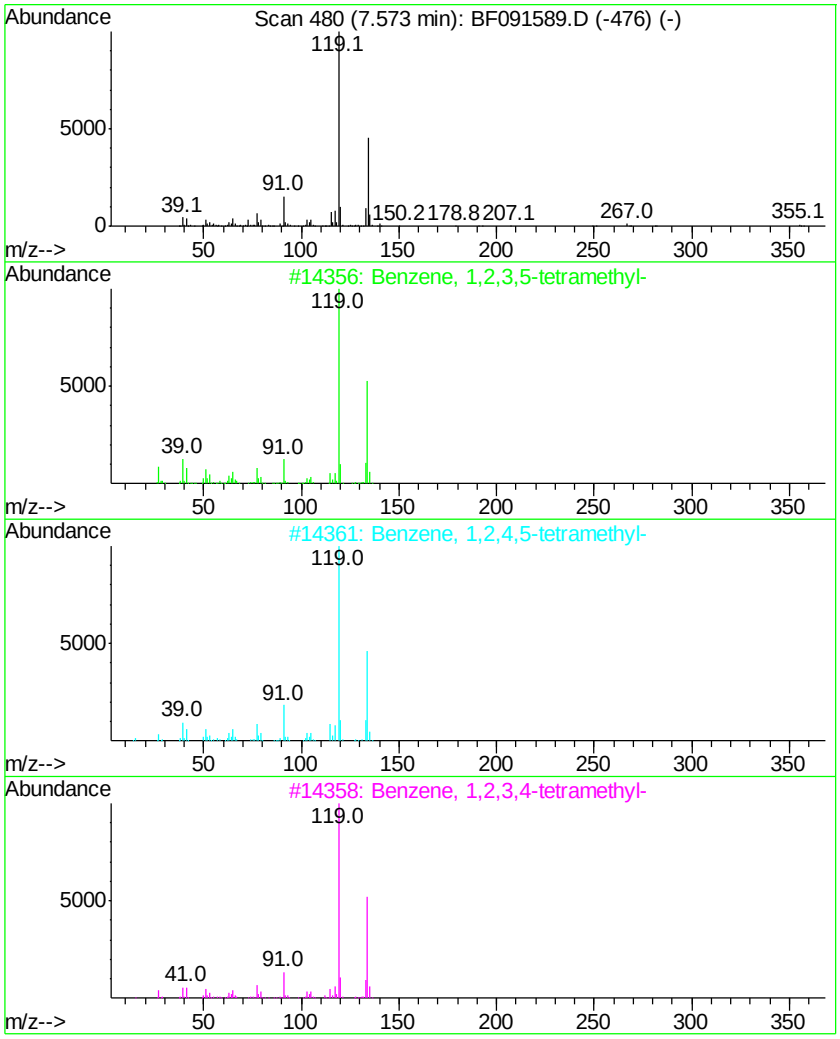
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

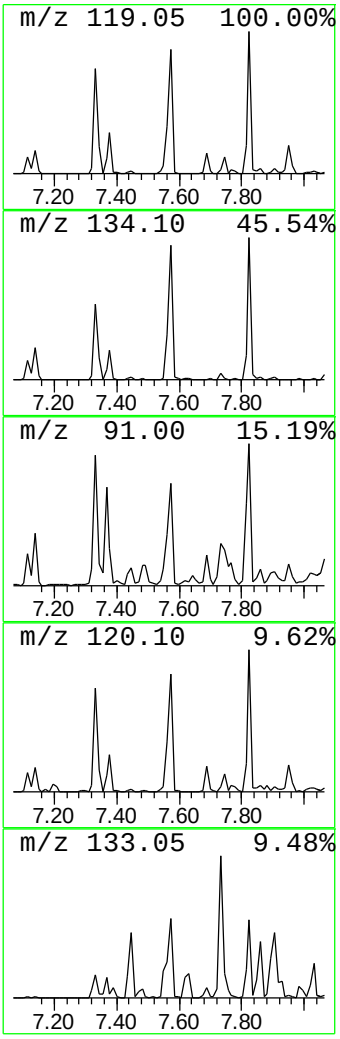
****

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	7.79 ng	1310440	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

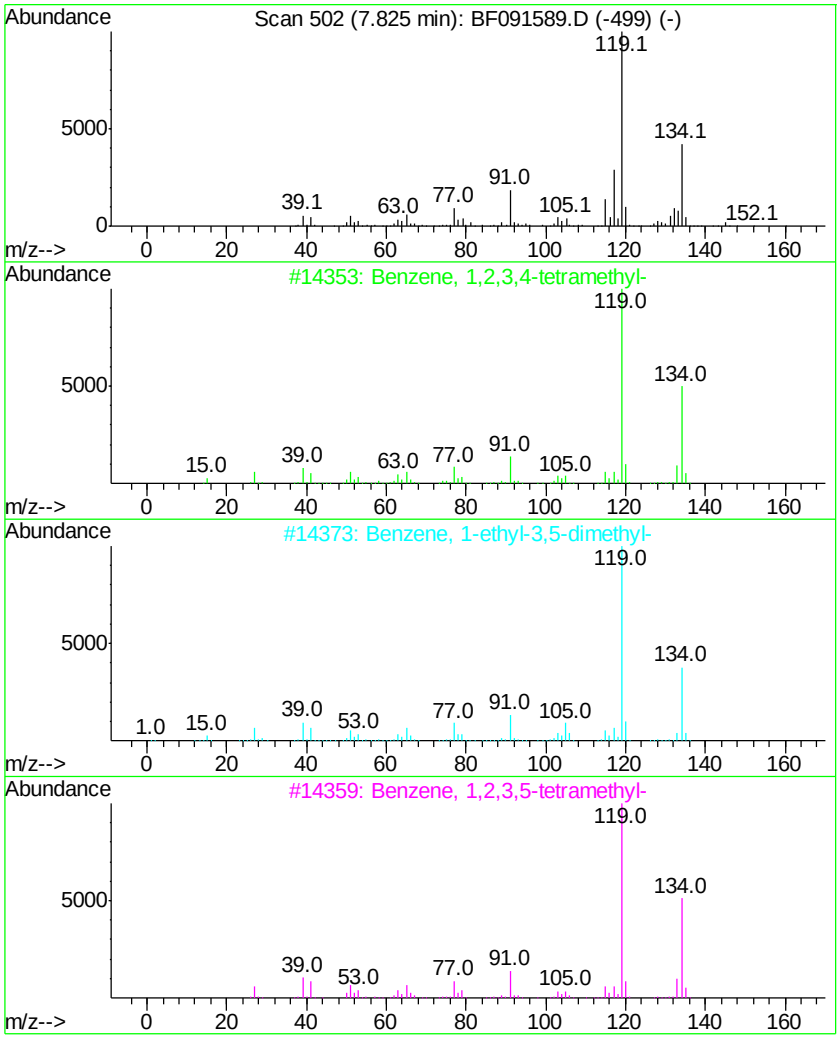
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

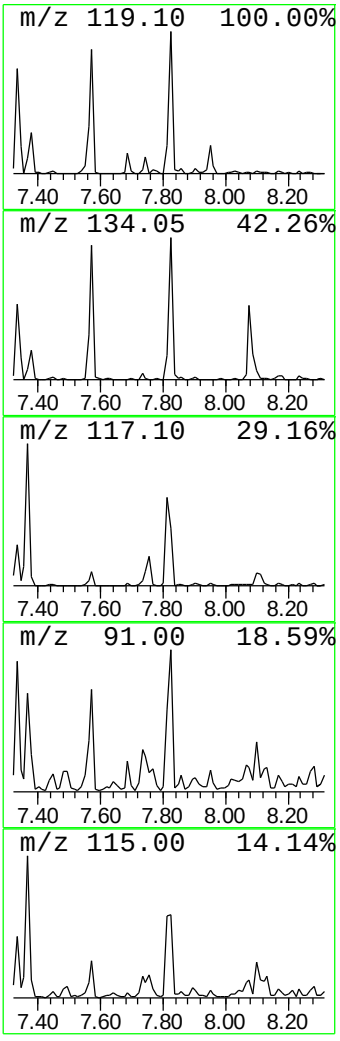
****

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	11.16 ng	1878290	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

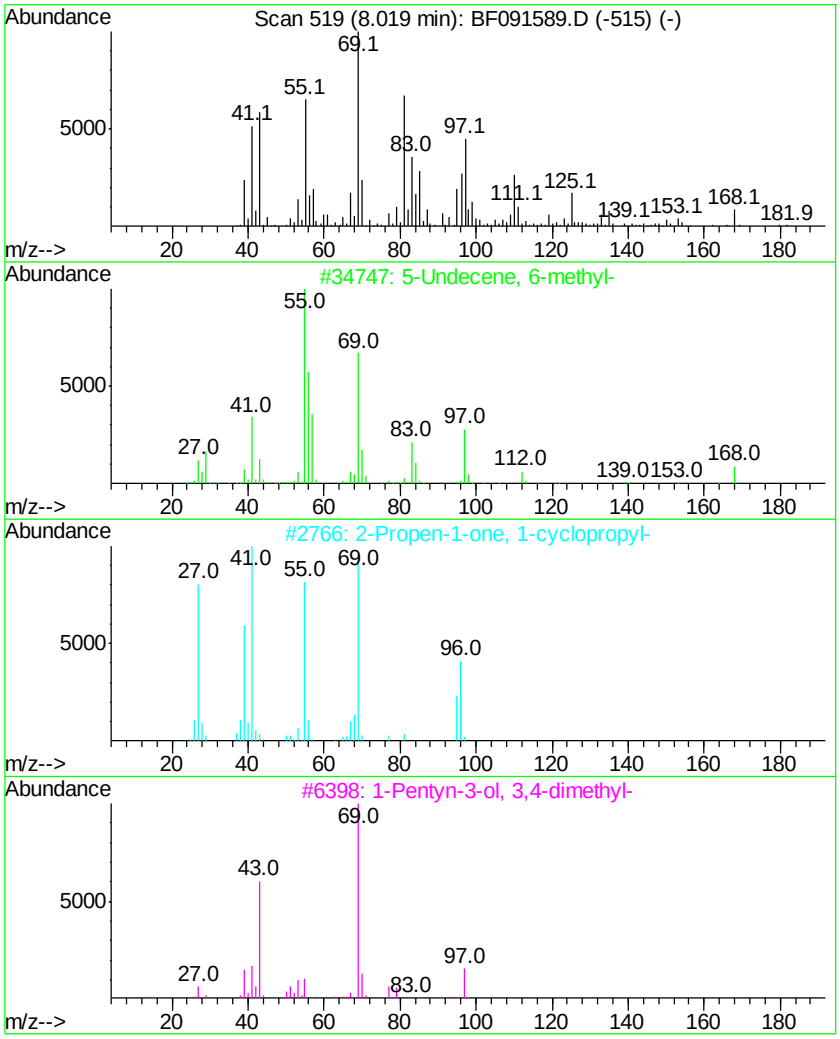
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

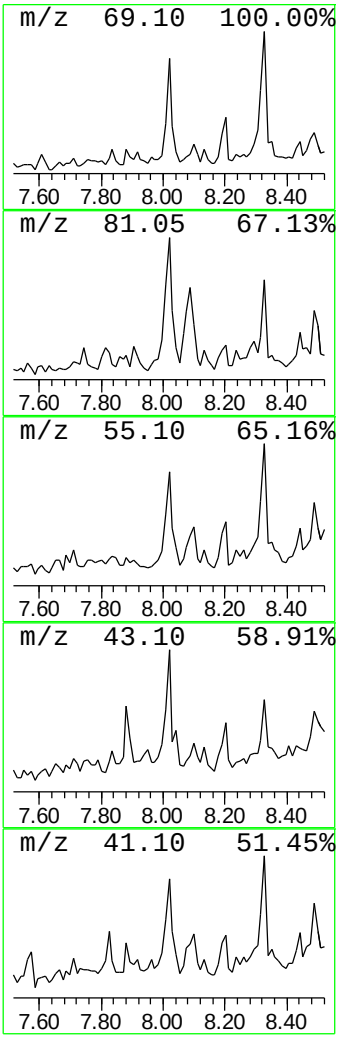
****

Peak Number 7 unknown8.02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	8.41 ng	1415990	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene, 6-methyl-	168	C12H24	083687-45-0	49
2	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	38
3	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	38
4	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	35
5	1-(2-Isopropyl-5-methylcyclopent...	168	C11H20O	1000191-21-0	35





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Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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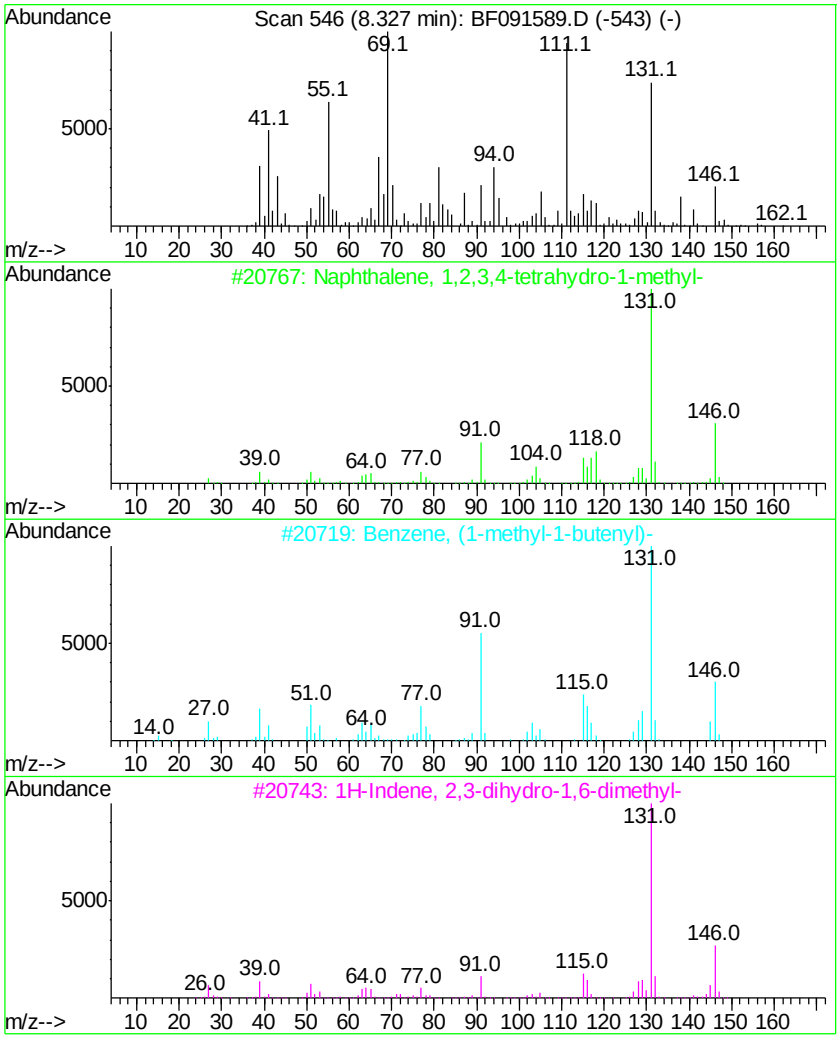
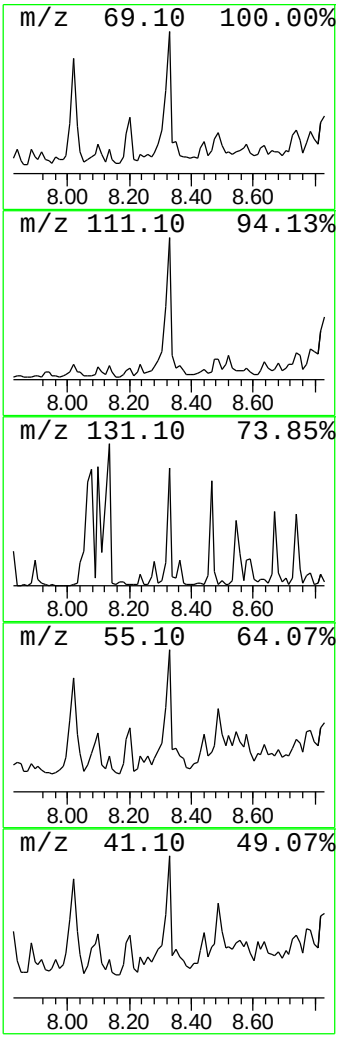
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	6.96 ng	1170880	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	92
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	35
4	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	35
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	35





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Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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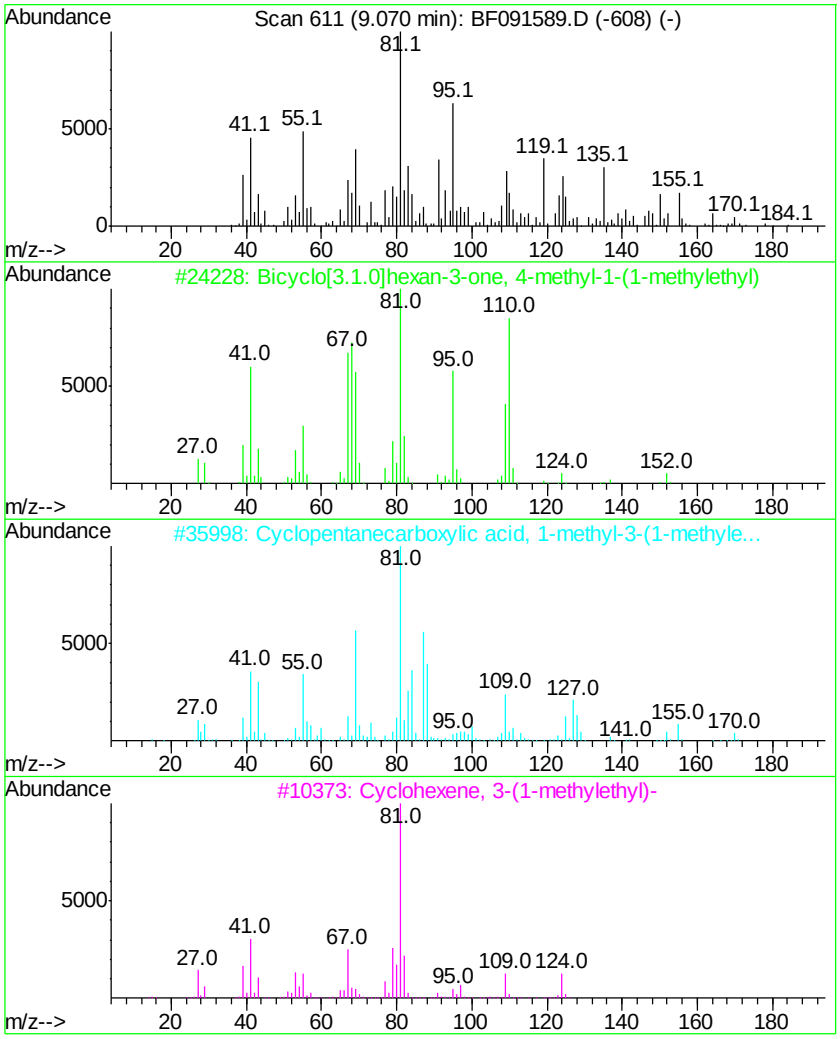
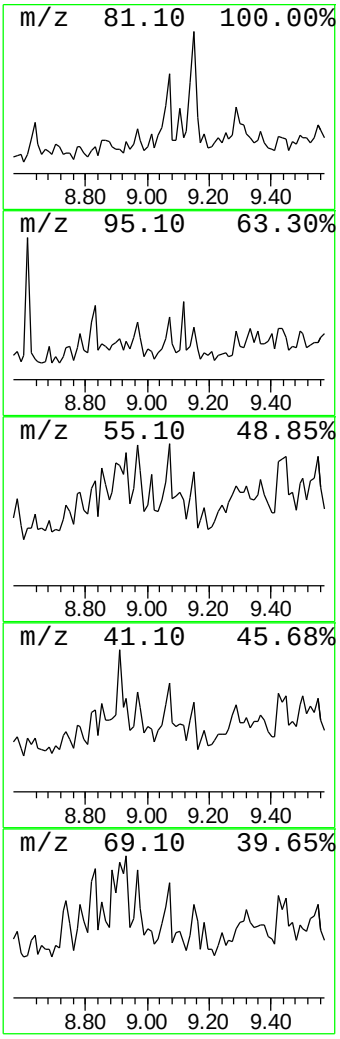
Peak Number 10 Bicyclo[3.1.0]hexan-3-one, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	8.77 ng	1209350	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	60
2	Cyclopentanecarboxylic acid, 1-m...	170	C10H18O2	000512-77-6	43
3	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	43
4	Thujone	152	C10H16O	000546-80-5	38
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	30





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Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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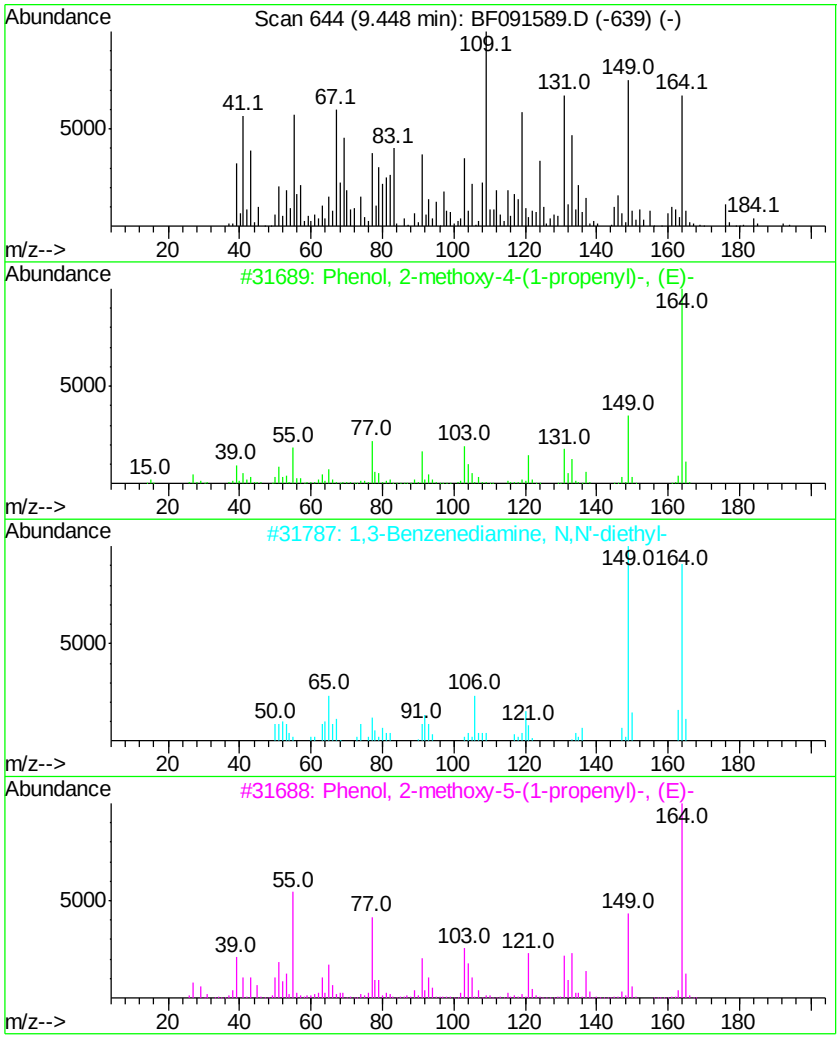
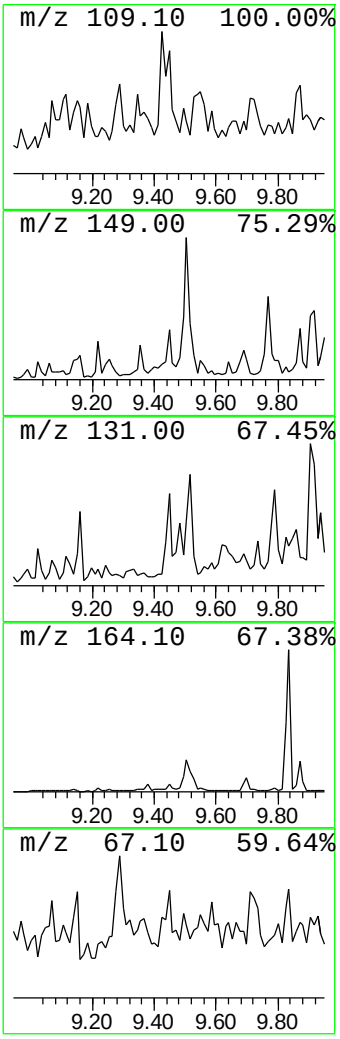
Peak Number 11 unknown9.45 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	9.95 ng	1373250	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-(1-propenyl)...	164	C10H12O2	005932-68-3	38
2	1,3-Benzenediamine, N,N'-diethyl-	164	C10H16N2	005857-99-8	35
3	Phenol, 2-methoxy-5-(1-propenyl)...	164	C10H12O2	019784-98-6	30
4	Benzoic acid, 2-(1-methylethyl)-	164	C10H12O2	002438-04-2	20
5	5-Benzothiazolamine, 2-methyl-	164	C8H8N2S	013382-43-9	20





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Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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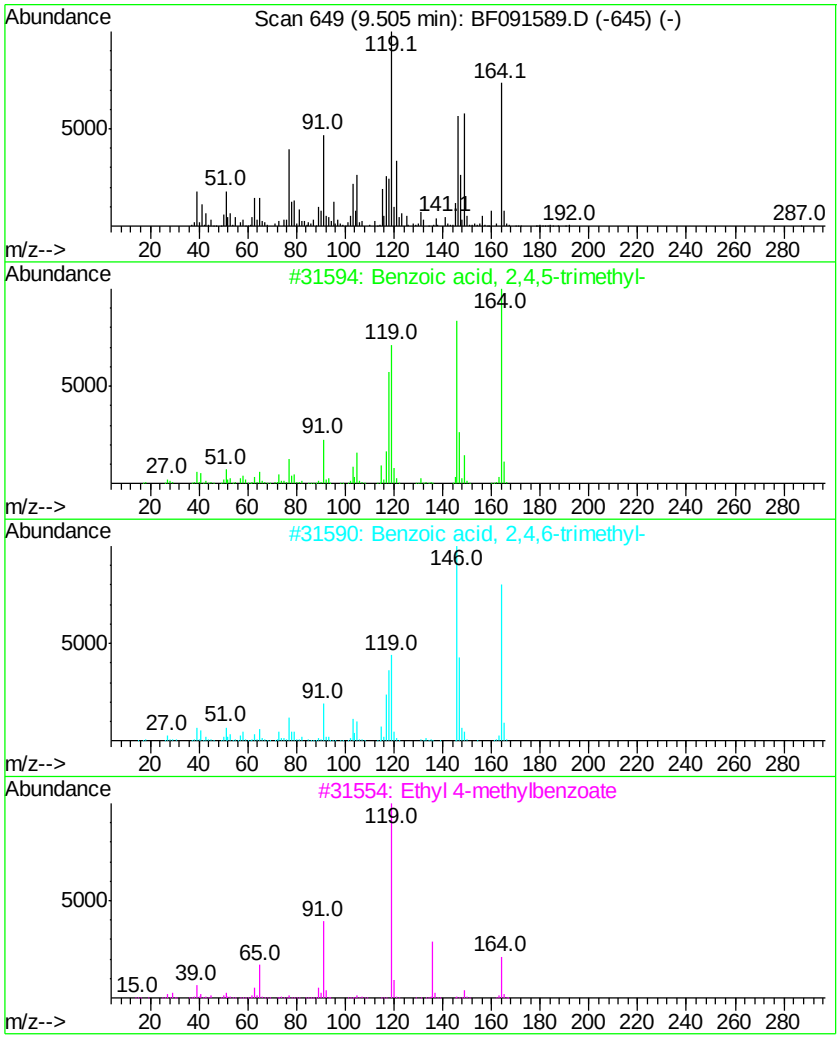
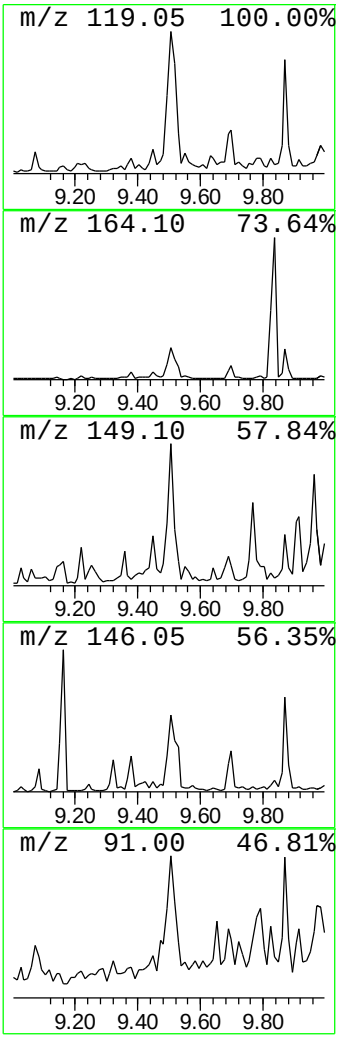
Peak Number 12 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	23.45 ng	3234520	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	81
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	70
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	41
4	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	38
5	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	38





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Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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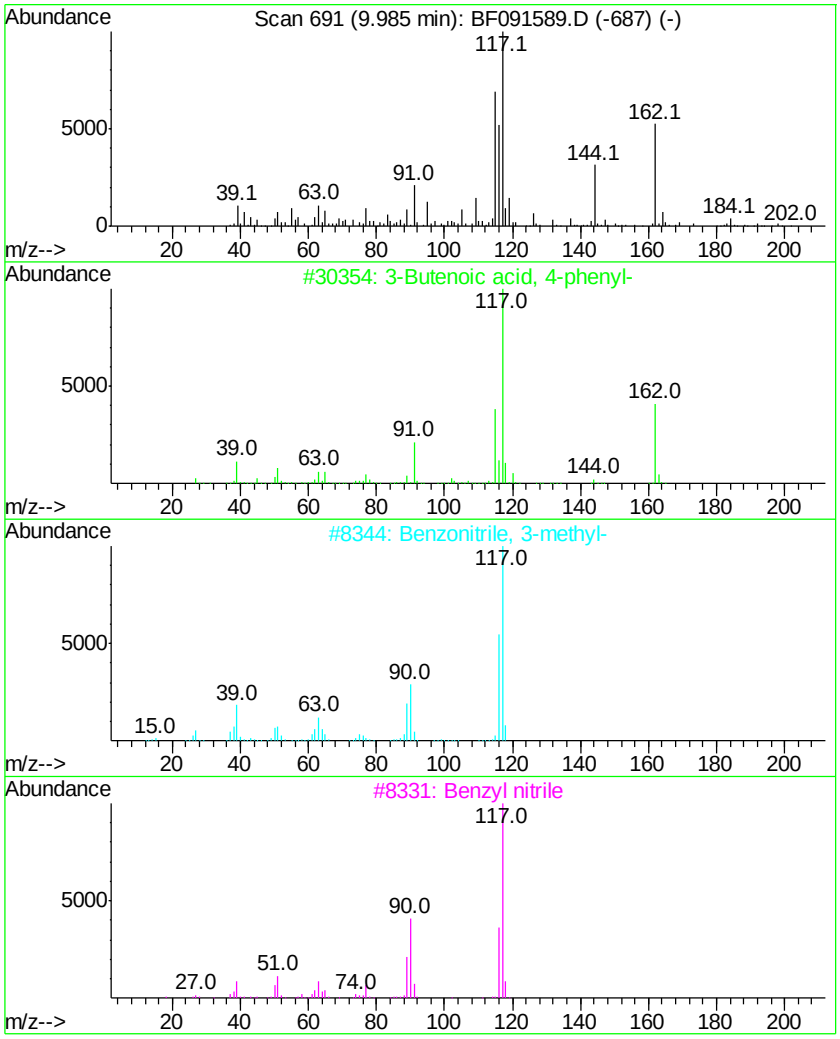
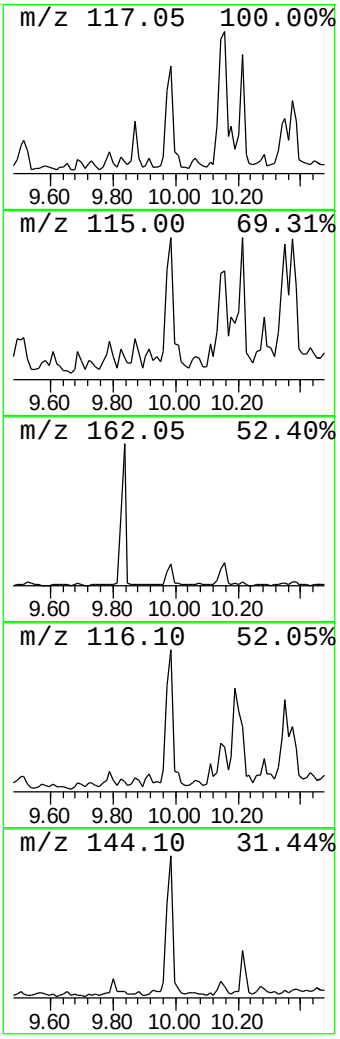
Peak Number 13 unknown9.98 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	13.11 ng	1808650	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	46
2	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	38
3	Benzyl nitrile	117	C8H7N	000140-29-4	38
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	38
5	1H-Indene-2-carboxylic acid, 2,3...	162	C10H10O2	025177-85-9	35





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Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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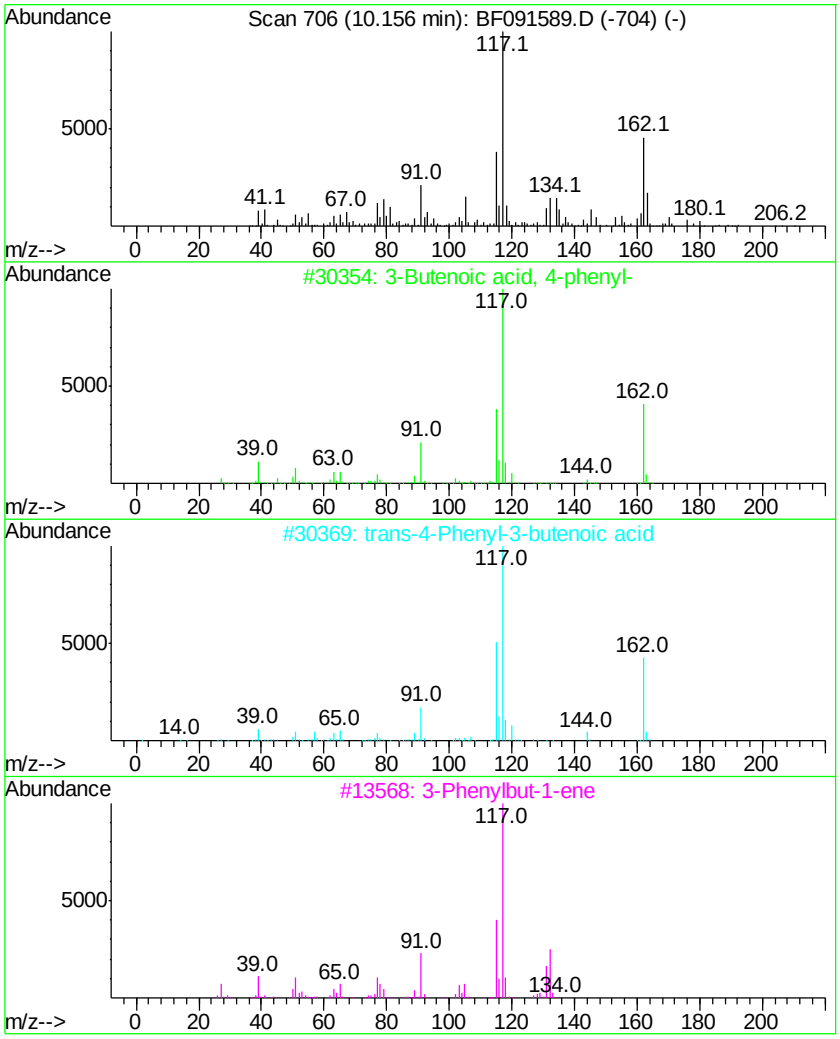
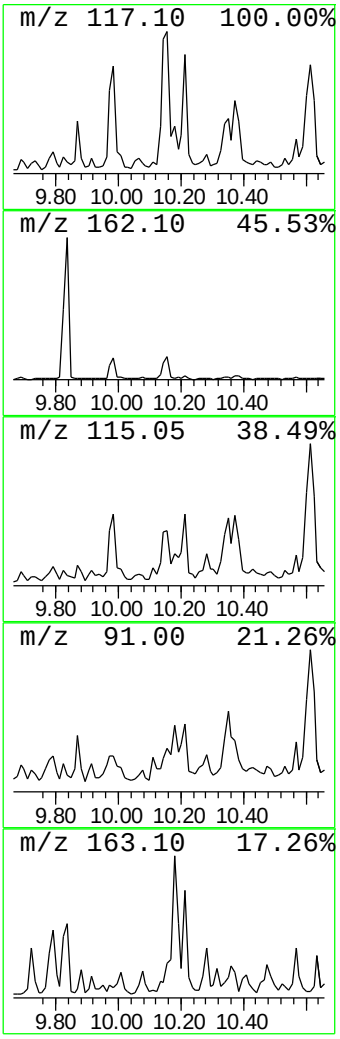
Peak Number 14 3-Butenoic acid, 4-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	8.74 ng	1205410	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	81
2	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	72
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70





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Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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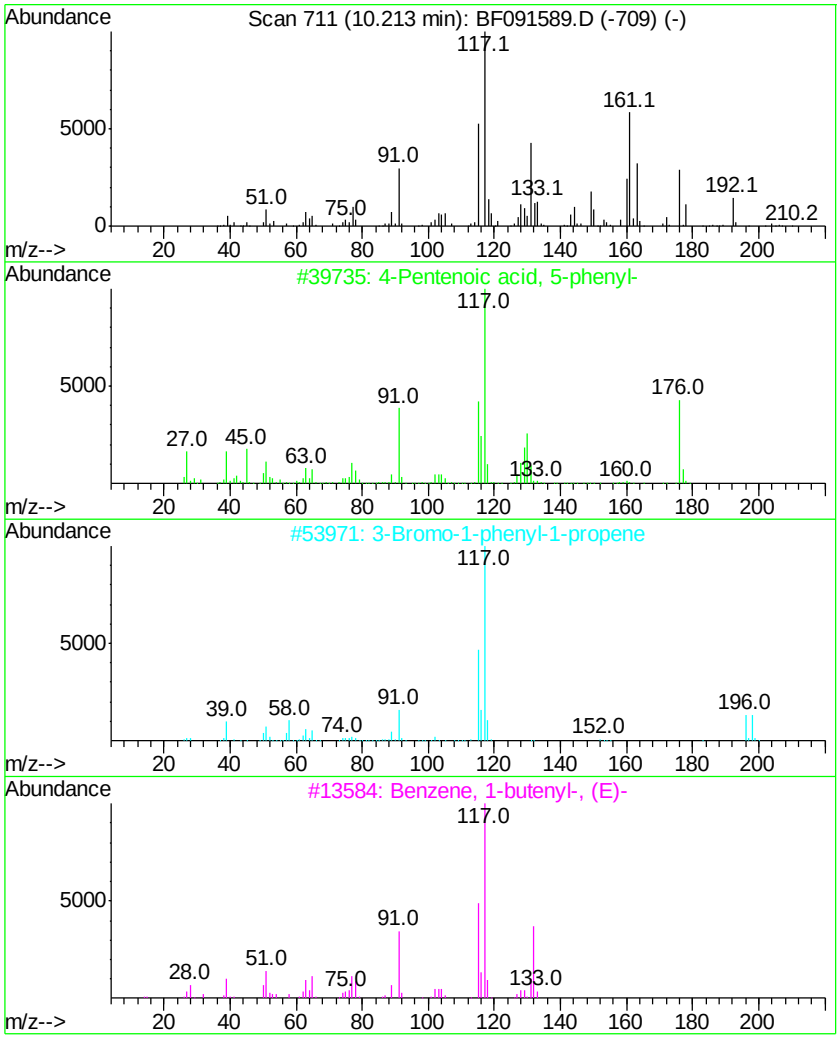
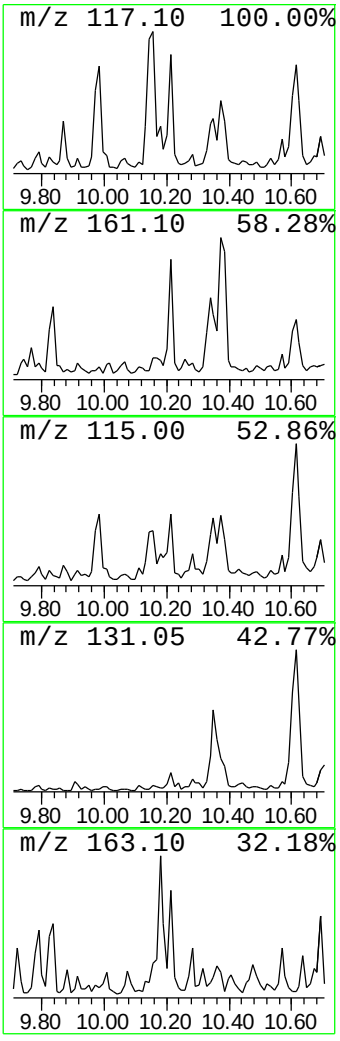
Peak Number 15 unknown10.21 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	12.05 ng	1662220	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenoic acid, 5-phenyl-	176	C11H12O2	028525-69-1	38
2	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	27
3	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	27
4	Cyclopropanecarbonyl chloride, 2...	180	C10H9ClO	000939-87-7	27
5	Hex-1-enylbenzene	160	C12H16	000828-15-9	27





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Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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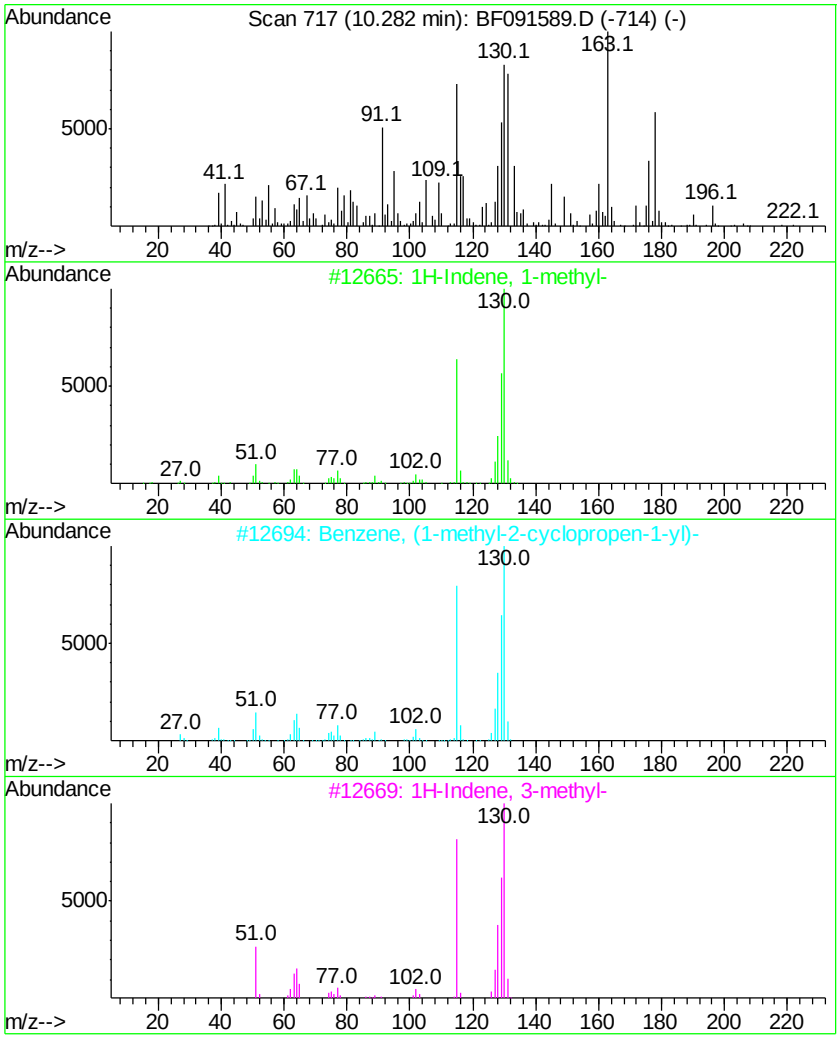
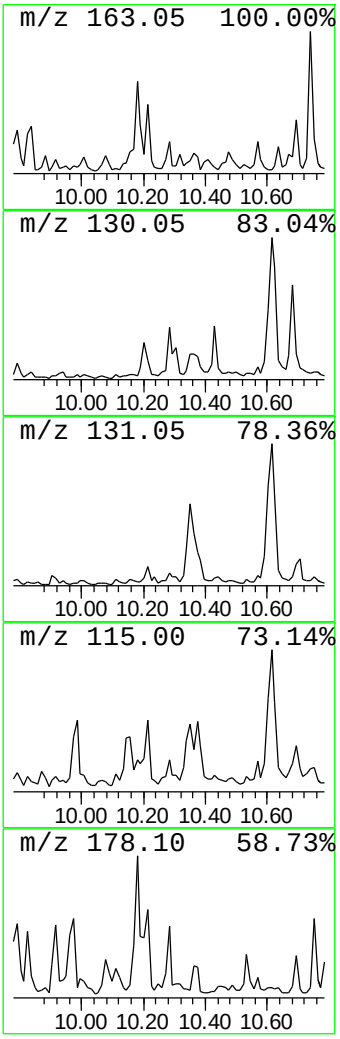
Peak Number 16 unknown10.28 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	7.26 ng	1001570	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	46
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	46
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	41
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	41
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	30





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Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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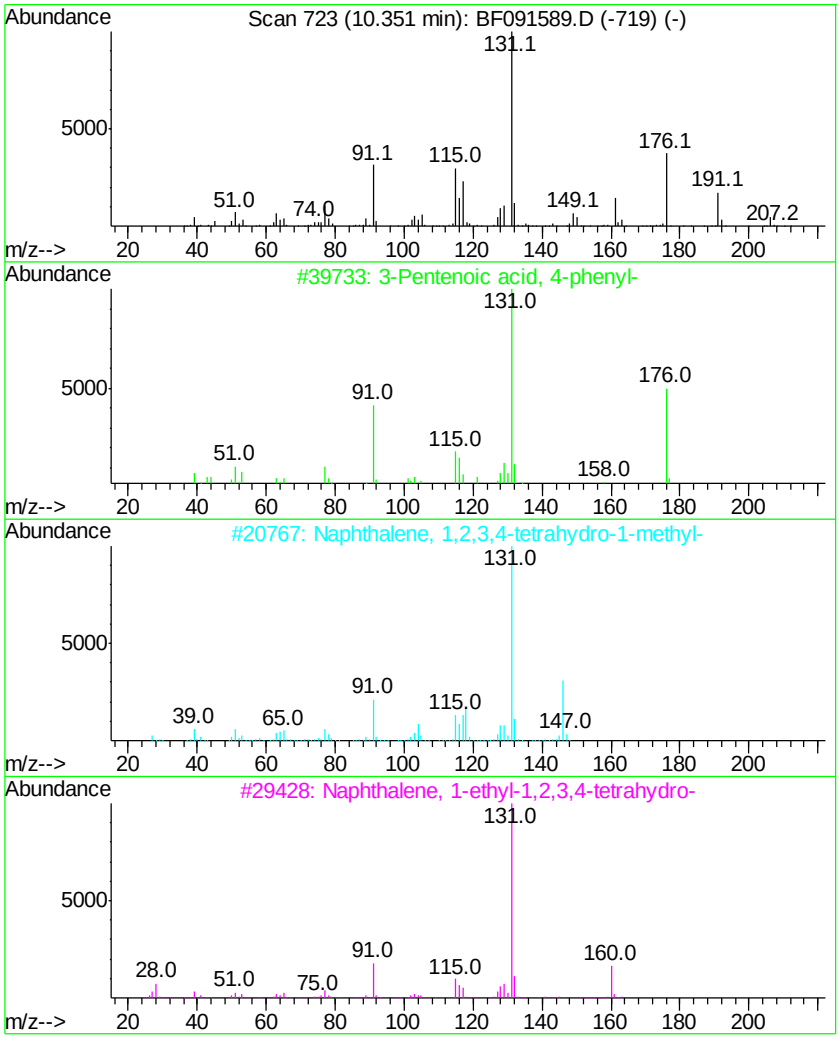
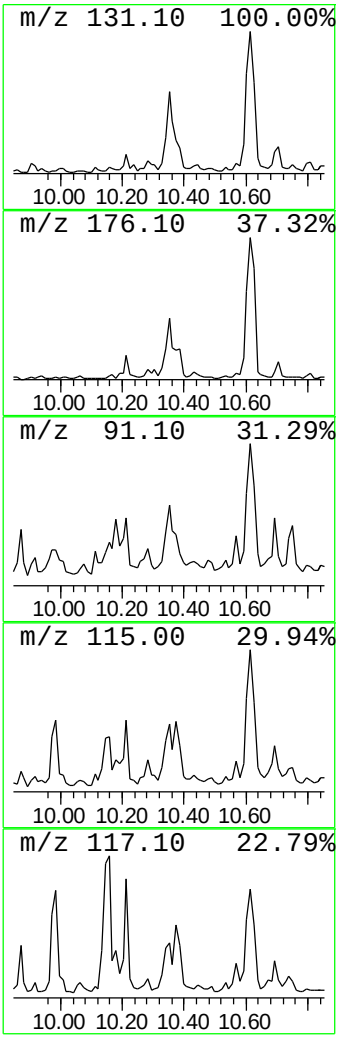
Peak Number 17 3-Pentenoic acid, 4-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	21.64 ng	2984970	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	68
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	59
3	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	52
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	52
5	4,5-Diphenylocta-1,7-diene(meso)	262	C20H22	1000215-92-7	50





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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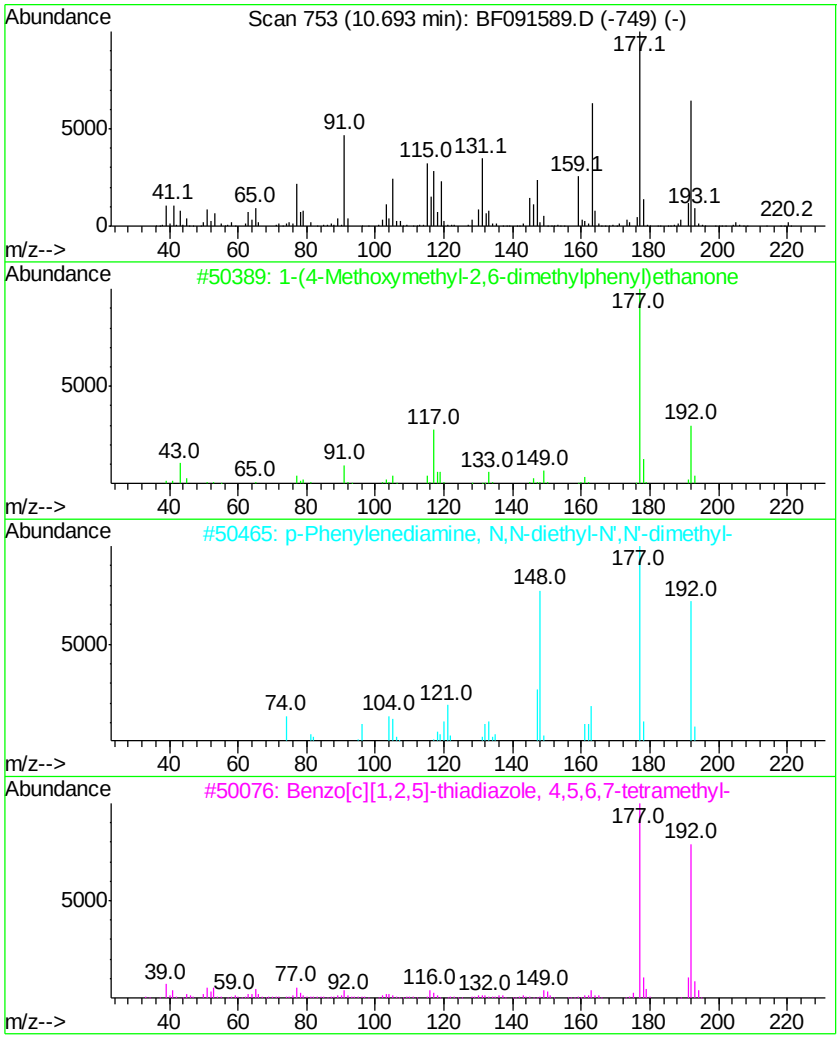
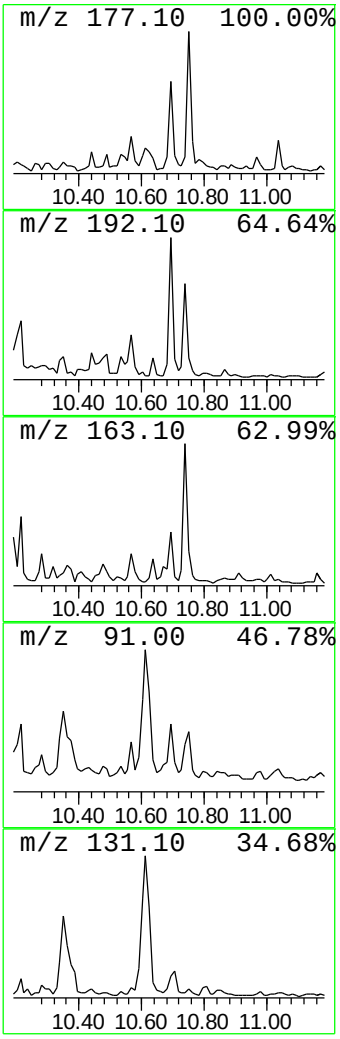
Peak Number 18 unknown10.69 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	19.19 ng	2112290	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Methoxymethyl-2,6-dimethylp...	192	C12H16O2	1000202-02-2	46
2	p-Phenylenediamine, N,N-diethyl-...	192	C12H20N2	005775-53-1	46
3	Benzo[c][1,2,5]-thiadiazole, 4,5...	192	C10H12N2S	106148-64-5	43
4	1,3,5-Triazin-2-amine, 4,6-dichl...	192	C5H6Cl2N4	003440-19-5	38
5	1H-Benzimidazole, 1-methyl-5-nitro-	177	C8H7N3O2	005381-78-2	38





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TIC Library : C:\DATABASE\NIST02.L
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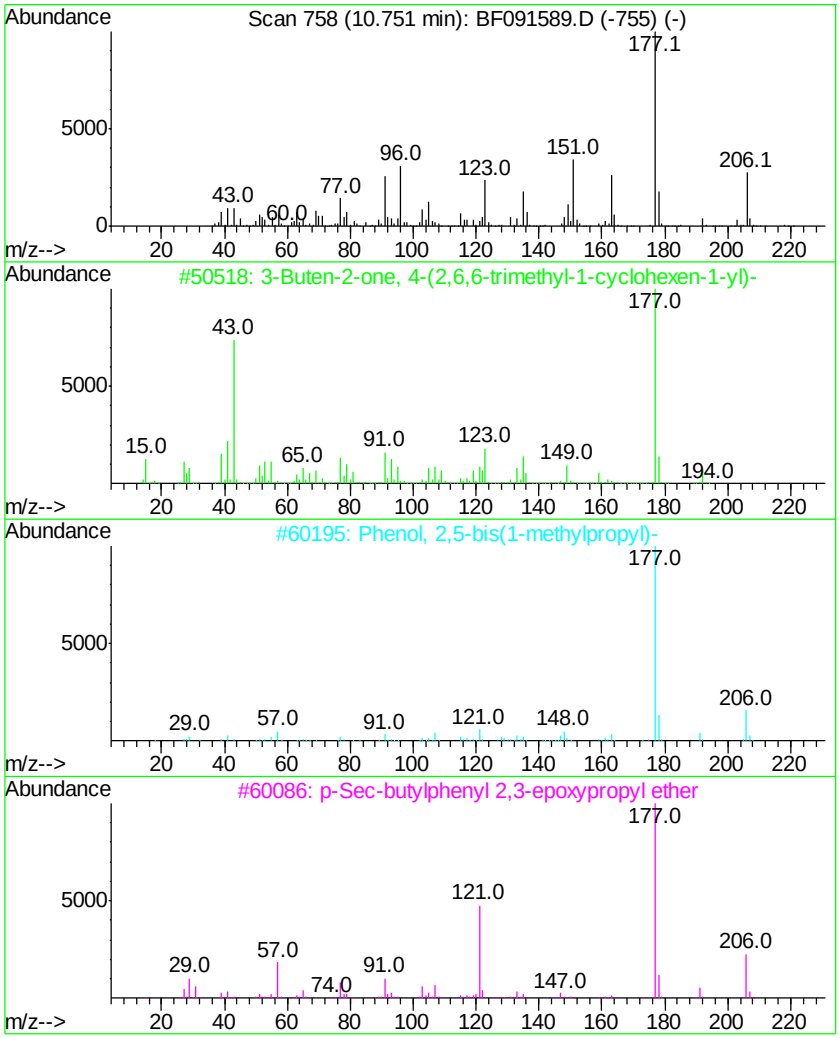
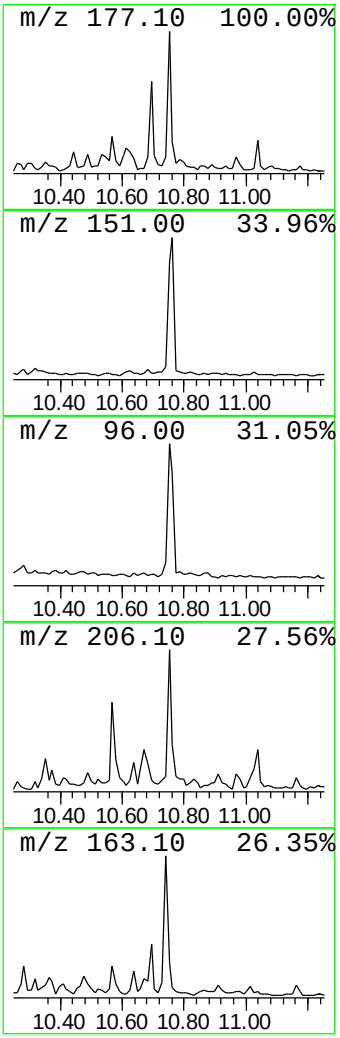
Peak Number 19 unknown10.75 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	20.42 ng	2247380	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	47
2	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	43
3	p-Sec-butylphenyl 2,3-epoxypropy...	206	C13H18O2	067557-76-0	38
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	000079-77-6	37
5	Phenol, 2,4-bis(1-methylpropyl)-	206	C14H22O	001849-18-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

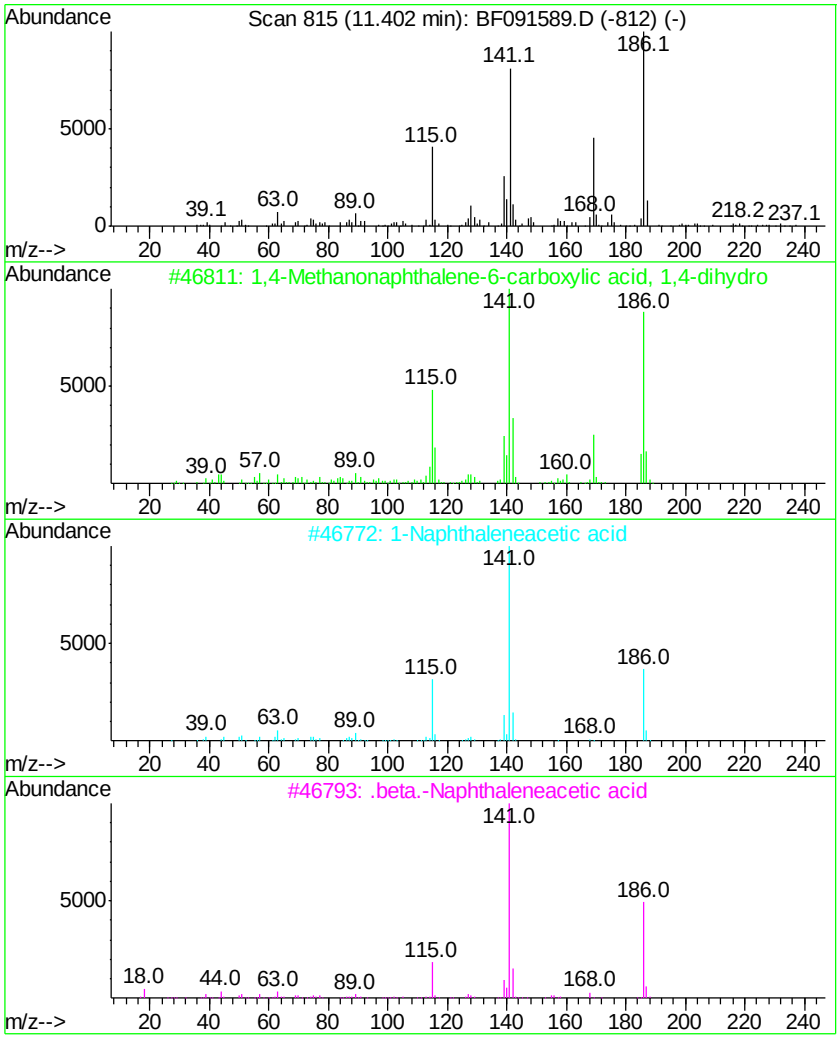
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

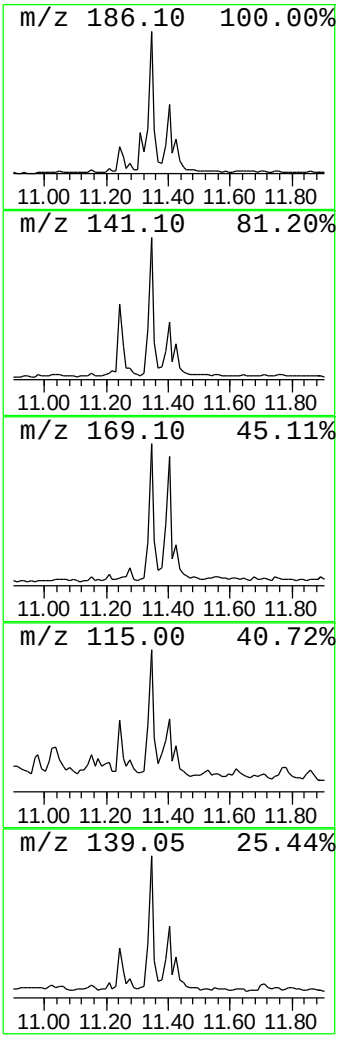
****

Peak Number 20 1,4-Methanonaphthalene-6-ca... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	11.37 ng	1251210	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene-6-carboxy...	186	C12H10O2	063509-76-2	87
2	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	64
3	.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	43
4	4-Phenylpyrocatechol	186	C12H10O2	000092-05-7	30
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121416\
Data File : BF091589.D
Acq On : 14 Dec 2016 17:33
Operator : UM/SJ
Sample : H5974-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.96	10.9	ng	932661	1	6.80	1718220	20.0
unknown6.57	6.57	62.0	ng	5325850	1	6.80	1718220	20.0
Benzene, 1,2-diet...	7.14	7.7	ng	660910	1	6.80	1718220	20.0
Benzene, 1,2,3,5-...	7.57	7.8	ng	1310440	2	8.08	3366550	20.0
Benzene, 1,2,3,4-...	7.82	11.2	ng	1878290	2	8.08	3366550	20.0
unknown8.02	8.02	8.4	ng	1415990	2	8.08	3366550	20.0
Naphthalene, 1,2,...	8.33	7.0	ng	1170880	2	8.08	3366550	20.0
Bicyclo[3.1.0]hex...	9.07	8.8	ng	1209350	3	9.84	2759240	20.0
unknown9.45	9.45	9.9	ng	1373250	3	9.84	2759240	20.0
Benzoic acid, 2,4...	9.50	23.4	ng	3234520	3	9.84	2759240	20.0
unknown9.98	9.98	13.1	ng	1808650	3	9.84	2759240	20.0
3-Butenoic acid, ...	10.16	8.7	ng	1205410	3	9.84	2759240	20.0
unknown10.21	10.21	12.1	ng	1662220	3	9.84	2759240	20.0
unknown10.28	10.28	7.3	ng	1001570	3	9.84	2759240	20.0
3-Pentenoic acid,...	10.35	21.6	ng	2984970	3	9.84	2759240	20.0
unknown10.69	10.69	19.2	ng	2112290	4	11.31	2201580	20.0
unknown10.75	10.75	20.4	ng	2247380	4	11.31	2201580	20.0
1,4-Methanonaphth...	11.40	11.4	ng	1251210	4	11.31	2201580	20.0